

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S186	5	("5939938").URPN.	USPAT	OR	ON	2006/03/30 08:18
S187	2	("4446441").URPN.	USPAT	OR	ON	2006/03/30 08:29
S188	163	381/94.5.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 08:33
S189	108	381/94.5.ccls. and "19"??	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 08:34
S190	5	("6154548").URPN.	USPAT	OR	ON	2006/03/30 08:44
S191	6	("4433306"   "4983927"   "5363062"   "5420535"   "5642074"   "5648742").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/30 08:47
S192	3	("5757940").URPN.	USPAT	OR	ON	2006/03/30 09:08
S193	934	330/51.ccls.	USPAT	OR	ON	2006/03/30 09:09
S194	968	330/51.ccls. and (BTL differen\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 09:10
S195	94	"381"/\$.ccls. and differen\$4 near2 amplif\$4 and (mut\$2 muting)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 09:22
S196	1807	detect\$3 near2 differential near2 voltage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 09:22

## EAST Search History

S19 7	73	detect\$3 near2 differential near2 voltage and \$4speak\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 09:23
S19 8	1	("6605990").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/30 09:26
S19 9	5	("6154548").URPN.	USPAT	OR	ON	2006/03/30 10:32
S20 0	16	btl and (mut\$2 muting)	USPAT	OR	ON	2006/03/30 10:32
S20 1	64	btl and (mut\$2 muting)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 10:32
S20 2	2	("4446441").URPN.	USPAT	OR	ON	2006/03/30 10:42
S20 3	1	("4331930").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/30 11:00
S20 4	7	"hasegawa, tatsuzo".in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/30 11:01
S20 5	19	"hasegawa, tatsuzo".in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 11:04
S20 6	198	"INOHANA, HARUYUKI".in. "OZAWA, AKIO".in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 11:05
S20 7	8	S206 and mut\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 11:11

## EAST Search History

S20 8	100935	power\$3 near2 (up on)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 11:11
S20 9	982	S208 same \$4speak\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 11:12
S21 0	760	S208 same \$4speak\$3 and (sound audio music)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 11:12
S21 1	129	S208 same \$4speak\$3 and (sound audio music) and ("381"/\$.ccls. "330"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 11:13
S21 2	3	("3840820"   "3916321"   "4127743").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/30 11:15
S21 3	18	("4441086").URPN.	USPAT	OR	ON	2006/03/30 11:15
S21 4	11	("5029005").URPN.	USPAT	OR	ON	2006/03/30 11:18
S21 5	4	("5796303").URPN.	USPAT	OR	ON	2006/03/30 11:33
S21 6	70	381/55.ccls.	USPAT	OR	ON	2006/03/30 14:51
S21 7	125	381/55.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 16:25
S21 8	835	381/120.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 16:25

## EAST Search History

S21 9	321	381/120.ccls. and (muting mut\$2 switch\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 16:25
S22 0	75	381/120.ccls. and (muting mut\$2 switch\$4) and (transient pop click\$4 popp\$3 shock\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 16:26

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	117	((mute mut\$3) and amplif\$4 and (volume gain level) and differen\$4 and switch\$4).clm.	US-PGPUB; USPAT	OR	ON	2006/04/03 13:15
L5	3	((mute mut\$3) and amplif\$4 and (volume gain level) and differen\$4 and switch\$4).clm. and (381/55.ccls. 381/94.5.ccls. 381/120.ccls.)	US-PGPUB; USPAT	OR	ON	2006/04/03 13:16